







## Guiding Good Choices for Health: Increasing the Reach of Effective Family-Focused Intervention Through Virtual Implementation in Pediatric Primary Care

## Margaret Kuklinski, PhD, Chair

Social Development Research Group School of Social Work, University of Washington

Symposium Presented at the 31<sup>st</sup> Annual Meeting of the Society for Prevention Research June 1, 2023





# **Acknowledgments**

This work was supported within the National Institutes of Health (NIH) Pragmatic Trials Collaboratory by cooperative agreement UH3AT00983803 from the National Center for Complementary and Integrated Health, with co-funding from the National Institute on Drug Abuse, the Office of Disease Prevention, and the Office of Behavioral and Social Sciences Research. This work also received logistical and technical support from the NIH Pragmatic Trials Collaboratory Coordinating Center through cooperative agreement U24AT009676 from the National Center for Complementary and Integrative Health (NCCIH), the National Institute of Allergy and Infectious Diseases (NIAID), the National Cancer Institute (NCI), the National Institute on Aging (NIA), the National Heart, Lung, and Blood Institute (NHLBI), the National Institute of Auging (NIA), the National Heart, Lung, and Blood Institute (NHLBI), the National Institute of Arthritis and Musculoskeletal and Skin Diseases (NIAMS), the NIH Office of Behavioral and Social Sciences Research (OBSSR), and the NIH Office of Disease Prevention (ODP). The content is solely the responsibility of the authors and does not necessarily represent the official views of NCCIH, NIAID, NCI, NIA, NHLBI, NINR, NIMHD, NIAMS, OBSSR, or ODP, or the NIH.



## **GGC4H Leadership Team & Funders**

### Guiding Good Choices for Health (GGC4H)

GGC4H Scientific Leadership				NIH Leadership
University of <u>Washington</u> Margaret Kuklinski, PhD, MPI Sabrina Oesterle, PhD Methodologist Kevin Haggerty, PhD GGC Expert Dalene Beaulieu, BA GGC Master Trainer	Kaiser Permanente <u>Northern CA</u> Stacy Sterling, DrPH MPI Rahel Negusse, Site PM Charles Quesenberry, PhD, Lead Biostatistician	Kaiser Permanente Colorado Arne Beck, PhD Site Pl Erica Morse, MA Site PM Jennifer Boggs, PhD Co-1 Matt Daley, MD Physician Leader	Henry Ford <u>Health System</u> Jordan Braciszewski, PhD, Site PI Celeste Zabel, MA Site PM Farah Elsiss, MA Site PM Amy Loree, PhD Co-I	NCCIH Beda Jean-Francois, PhD Project Officer Liz Ginexi, PhD, Project Scientist NIDA Sarah Steverman, PhD Project Scientist Ad Hoc Members Qilu Yu, PhD, NCCIH Elizabeth Nielsen, PhD, ODF Erica Spotts, PhD, OBSSR

Bold designates Executive Committee member. Richard Catalano, PhD, was also an MPI on this project until his retirement in 2019.



## **Guiding Good Choices**

How could we reach more adolescents and families?

### 5-session program for all parents / caregivers of adolescents ages 9-14



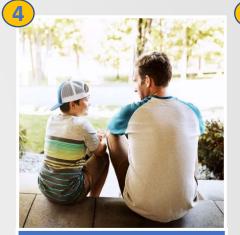
Learn a strategy for promoting health and wellbeing



Set healthy, clear guidelines and use positive discipline



Deal with anger constructively



Learn ways to resist negative influences (with adolescents)



Strengthen bonds, build life skills

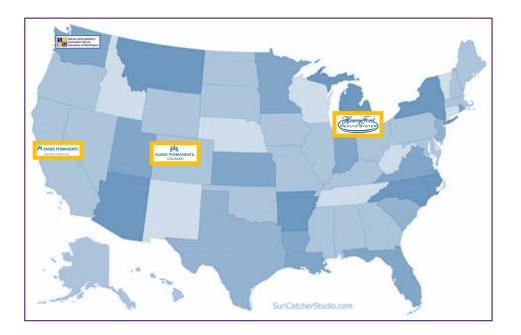
### GGC RCTs – Sustained population level effects with Midwest samples

- Families: Better communication, closer relationships, less family conflict
- Adolescents: Lower substance use and antisocial behavior, fewer symptoms of depression for 4-6 years

Catalano et al., 1998. Trial 1: Kosterman et al., 1997, 2001; Spoth et al., 1995, 1996a, 1996b. Trial 2: Mason et al., 2003, 2007, 2009; Park et al., 2000; Redmond et al., 1999; Spoth et al., 1998, 199a, 199b, 2001.

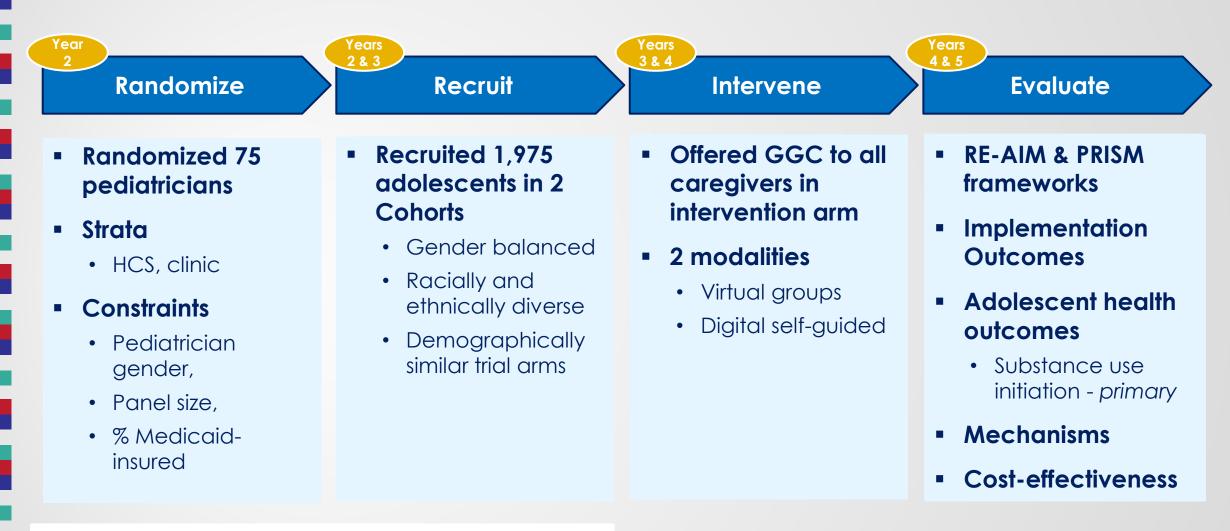
# Guiding Good Choices for Health (GGC4H)

- Support from NCCIH, co-funders NIDA, ODP, OBSSR
- Pragmatic longitudinal cluster-randomized trial
  - 75 pediatricians in 3 healthcare systems
  - 1,975 adolescents, age 13 at baseline
  - Offer GGC to all parents in intervention arm
- Assess implementation and adolescent health:
  - Implementation feasibility
  - Effectiveness: Adolescent health
    - Primary outcome: Substance use initiation
    - Secondary outcomes: Depression, antisocial behavior, substance use prevalence
- **NCCIH Supplement:** Implementation of Guiando Buenas Decisiones with Latinx families





## 5-Year Longitudinal Cluster-randomized Trial



## **Today: Implementation Findings**

Barriers and facilitators to implementation and sustainability of *Guiding Good Choices* in integrated healthcare systems

**Stacy Sterling**, DrPH Center for Addiction and Mental Health Research Division of Research Kaiser Permanente Northern California Virtual implementation of Guiding Good Choices: Lessons learned from intervention adaptation in response to COVID-19

Hannah Scheuer, MSW Social Development Research Group School of Social Work University of Washington Assessing implementation fidelity of the Guiding Good Choices program in a virtual environment

### Kristi Morrison, BA

Social Development Research Group School of Social Work University of Washington

### Discussant:

### Beda Jean-Francois, PhD

Program Director, Clinical Research in Complementary and Integrative Health National Center for Complementary and Integrative Health National Institutes of Health

# NIH Collaboratory Rethinking Clinical Trials®

Health Care Systems Research Collaboratory